

<b>REPORT OF CHANNEL CONDITIONS</b> <b>100 TO 400 FEET WIDE</b> <i>(ER 1130-2-3165)</i>						<b>PAGE</b> <b>1</b> <b>OF</b> <b>1</b>	
<b>TO:</b> The Record						<b>FROM:</b> U.S. Army Corps of Engineers 26 Federal Plaza, ATTN: CENAN-OP-ST New York, NY 10278-0090	
<b>RIVER/HARBOR NAME AND STATE:</b>  Cheesequake Creek, New Jersey						<b>MINIMUM DEPTHS IN</b> <b>CHANNEL ENTERING FROM SEAWARD</b>	
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)			
<b>Reach A.</b> From 5-ft contour in Raritan Bay to Outer end of jetties.	Map 37 Pg 2 of 4 June 3, 2008	100	0.28	5	3.9	4.4	4.3
<b>Reach B.</b> Outer end of jetties to NJ State Highway 35 Bridge	Map 37 Pgs 2 and 3 of 4 June 3, 2008	100	0.18	5	3.4	4.1	3.4
<b>Reach C.</b> NJ State Highway 35 Bridge to C.R.R. of NJ Bridge	Map 37 Pgs 3 and 4 of 4 June 3, 2008	100	0.08	5	3.1	4.0	5.0

**REMARKS:**

- All depths are in reference to Mean Low Water (MLW)
- Channel length is in nautical miles
- **Reach A:** In the left outside quarter, a shoal begins approximately 400 ft seaward of the jetties and gradually widens to the half of the channel width at the end of this reach (end of the jetties). In the right outside quarter, a shoal begins approximately 500 ft seaward from the end of the jetties and continues 200 ft landward with a 20 ft maximum width.
- **Reach B:** Shoaling covers the half width of the channel and expands into the right outside quarter for an approximately 200 ft length then tapers back into the middle half for an additional 240 ft then narrows back to the left outside quarter for a 240 ft additional length before it ends. Minor narrow shoaling exists along the toe of the right outside quarter.
- **Reach C:** A combination of shoals covers the entire width of the channel (right outside quarter, middle half and left outside quarter) from 250 ft seaward of C.R.R. of NJ Bridge to the C.R.R. of NJ Bridge (end of Reach C).